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1   Integration, the VLSI Journal: Volume 1 Issue 4
L. Spaanenburg
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Publisher: Elsevier Science Publishers B. V.

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2   Modeling of Gao-Zhao HVDC with Deicing Function and Its Operation Analysis Based on EMTDC
Huifan Xie, Haijun Wang
March 2011   **APPEEC '11:** Proceedings of the 2011 Asia-Pacific Power and Energy Engineering Conference
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3   An exponential version of Filon's rule
J A Belward
March 1986   **Journal of Computational and Applied Mathematics** , Volume 14 Issue 3
Publisher: Elsevier Science Publishers B. V.

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Yaxiu Sun, Ruifeng Sun
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5   Unfolding Based Algorithms for the Reachability Problem
Javier Esparza, Claus Schröter
October 2001   **Fundamenta Informaticae** , Volume 47 Issue 3-4
Publisher: IOS Press

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6   Second-order sensitivity analysis in factorable programming: theory and applications
Richard H. F. Jackson, Garth P. McCormick
February 1988   **Mathematical Programming: Series A and B** , Volume 41 Issue 1
Publisher: Springer-Verlag New York, Inc.

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7   Inside risks: the clock grows at midnight
Peter G. Neumann
January 1991   **Communications of the ACM** , Volume 34 Issue 1
Publisher: ACM Request Permissions

8   Modelling Heat Transport in Coastal Aquifer Incorporating Tidal Effects
Qing-Hua Wu, Gui-Ling Wang, Fa-Wang Zhang, Yu-Qing Xia
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Publisher: IEEE Computer Society

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9   Organization design viewed as a group process using coordination technology
Gail Louise Rein
January 1992   Organization design viewed as a group process using coordination technology
Publisher: University of Texas at Austin

10   Aufbau und Konzeption einer freiwilligen Informatik-AG an einer Hauptschule
Klaus P. Wolff
October 1984   Informatik als Herausforderung an Schule und Ausbildung, GI-Fachtagung
Publisher: Springer-Verlag

11   Comparing Concepts of Object Petri Net Formalisms
Bernd Farwer
October 2001   **Fundamenta Informaticae** , Volume 47 Issue 3-4
Publisher: IOS Press

In recent years many authors have come up with definitions of object Petri nets. They can be divided into two r classes: those that try to model object-orientation within a framework of Petri nets, and those modelling the to objects of an environment ...

12   Accelerating the convergence of the diagonalization and projection algorithms for finite-dimensional variational inequalities
Patrick T. Harker
February 1988   **Mathematical Programming: Series A and B** , Volume 41 Issue 1
Publisher: Springer-Verlag New York, Inc.

13   Computer-Based Diagnostics and Systematic Analysis of Knowledge, 1st edition
Dirk Ifenthaler, Pablo Pirnay-Dummer, Norbert M. Seel
March 2010   Computer-Based Diagnostics and Systematic Analysis of Knowledge, 1st edition
Publisher: Springer Publishing Company, Incorporated

What is knowledge? How can it be successfully assessed? How can we best use the results? As questions such a these continue to be discussed and the learning sciences continue to deal with expanding amounts of data, the challenge of applying theory to ...

14   Forcing and genericity on the polynomial hierarchy
James Arthur Foster
January 1990   Forcing and genericity on the polynomial hierarchy
Publisher: Illinois Institute of Technology

Keywords: set theory

15   Morphological Operator and Rough Set Theory for Fault Line Detection

Yun-zhu An, Xi-shan Wen, Xun Li, Ying Xu, Ying-kai Long
March 2011   **APPEEC '11:** Proceedings of the 2011 Asia-Pacific Power and Energy Engineering Conference
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16 Theoretical Computer Science: Volume 77 Issue 3
M. Nivat
December 1990   Theoretical Computer Science
Publisher: Elsevier Science Publishers Ltd.

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17 Nonlinear Control of Asynchronous BTB-Link
Y. H. Liu, H. W. Wu, N. R. Watson
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18 Real-Time Access Guarantees for NAND Flash Using Partial Block Cleaning
Siddharth Choudhuri, Tony Givargis
October 2008   **SEUS '08:** Proceedings of the 6th IFIP WG 10.2 international workshop on Software Technologies fo
                 Embedded and Ubiquitous Systems
Publisher: Springer-Verlag

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Increasing use of NAND flash in newer application domains has been possible due to lowering cost per GB,
consumer demands for storage and advantages of NAND flash over traditional disks. However, NAND flash has
idiosyncrasies resulting in asymmetric …
Keywords: NAND flash, embedded systems, file system, real-time

19 Informatik in der Sekundarstufe I - Eine Überforderung für viele, eine gebotene Förderung für manche
Alexander Wynands
October 1984   Informatik als Herausforderung an Schule und Ausbildung, GI-Fachtagung
Publisher: Springer-Verlag

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Bogdan T. Nassu, Takashi Nanya, Elias P. Duarte
October 2007   **ISDA '07:** Proceedings of the Seventh International Conference on Intelligent Systems Design and
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André Adelsbach, Jörg Schwenk
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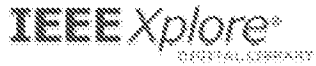
CSS, the first system to protect multimedia content on the new DVD medium failed badly, because both its encryption algorithm and its key management could easily be broken. A new industry initiative, the 4C Entity LLC (founded by IBM, Intel, Matsushita ...

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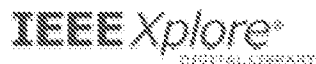Multimedia, IEEE Transactions on
Volume: 10 , Issue: 6
Digital Object Identifier: 10.1109/TMM.2008.2001376
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Unifying Broadcast Encryption and Traitor Tracing for Content Protection

Hongxia Jin; Lotspiech, J.;
Computer Security Applications Conference, 2009. ACSAC '09.
Annual
Digital Object Identifier: 10.1109/ACSAC.2009.23
Publication Year: 2009 , Page(s): 139 - 148
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The long march to interoperable digital rights management

KOENEN, R.H ; LACY, J.; MACKAY, M.; MITCHELL, S.;
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Publication Year: 2004 , Page(s): 883 - 897
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Digital rights management in consumer electronics products

Jonker, W ; Linnartz, J.-P.;
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Publication Year: 2004 , Page(s): 82 - 91
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Anonymous trust: digital rights management using broadcast encryption

Lotspiech, J.; Nusser, S.; Pestoni, F.;
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Digital Object Identifier: 10.1109/JPROC.2004.827353
Publication Year: 2004 , Page(s): 898 - 909
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New File System with Conditional Access System for Removable Media

Ishikawa, Kiyohiko; Nishimoto, Yusei; Fujii, Arisa; Fujitsu,
Satoshi, Sunasaki, Shunji, Kimura, Takeshi;
Consumer Communications and Networking Conference, 2007.
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Protection of MPEG-2 multicast streaming in IP-TV

Jeonghyun Kim; Dowon Nam; Seongoun Hwang; Kisong Yoon;
Consumer Electronics, 2006. ICCE '06. 2006 Digest of
Technical Papers International Conference on
Digital Object Identifier: 10.1109/ICCE.2006.1598302
Publication Year: 2006 , Page(s): 45 - 46

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Hybrid Traitor Tracing

Hongxia Jin; Lotspiech, J.;
Multimedia and Expo, 2006 IEEE International Conference on
Digital Object Identifier: 10.1109/ICME.2006.262784
Publication Year: 2006 , Page(s): 1329 - 1332
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Architecture for a Non-Copyable Disk (NCdisk) Using a Secret-Protection (SP) SoC Solution

Wang, M.S.; Lee, R.B.;
Signals, Systems and Computers, 2007. ACSSC 2007.
Conference Record of the Forty-First Asilomar Conference on
Digital Object Identifier: 10.1109/ACSSC.2007.4487587
Publication Year: 2007 , Page(s): 1999 - 2003

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Lights, camera, controls! [DVD copying prevention]

Geier, M.J.;
Spectrum, IEEE
Volume: 40 , Issue: 5
Digital Object Identifier: 10.1109/MSPEC.2003.1197474
Publication Year: 2003 , Page(s): 28 - 31
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A protection scheme based on online encryption for streaming media

Cheng Jie; Cao Jiuxin; Lin Jiazhen; Liu Bo;
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A Survey and Analysis of Media Keying Techniques in the Session Initiation Protocol (SIP)

Gurbani, V.K.; Kolesnikov, V.;
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Volume: 13 , Issue: 2
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A Signature-Like Primitive for Broadcast-Encryption-Based Systems

Lotspiech, Jeffrey B.;
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Digital Object Identifier: 10.1109/CCNC.2007.210
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Security evaluation of certain broadcast encryption schemes employing a generalized time-memory-data trade-off

Mihaljevic, M.J.; Fossorier, M.P.C.; Imai, H.;
Communications Letters, IEEE

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Key-assignment strategies for CPPM   [PDF] from osu.edu
A Adelsbach... - Proceedings of the 2004 Workshop on ..., 2004 - dl.acm.org
... the identifier and the copy-control-information (CCI) and uses it to **encrypt** the **content**. ... devices
that both have computed the correct temporary key and possess a **device key** with the ... If decryption
of the key-cryptogram was successful, the temporary **media key** is updated as Ktmp ...
Cited by 3 - Related articles - All 11 versions

[PDF] An Overview of the Advanced Access **Content** System (AACS)   [PDF] from 32bit.co
K Henry, J Sui... - Centre for Applied Cryptographic Research (..., 2007 - 32bit.co
... Volume Unique Key (Kvu): Volume Unique Key is used to **encrypt** the Title Key. ... output of a
one-way function, AES-G, which takes as inputs the Volume ID and the **Media Key**. ... **Device Key**:
Device Keys serve the same purpose as labels in the subset difference revocation scheme ...
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A Cost-Efficient Secure Multimedia Proxy System
WT Zhu - Multimedia, IEEE Transactions on, 2008 - ieeexplore.ieee.org
... For instance, different from text docu- ments, it is unnecessary to **encrypt** the entire multimedia
data for ... The no- tions of MKB and **device key** are from copyright protection technolo- gies like
DVD ... 3], where the MKB on a DVD contains the encrypted forms of the **media key** (ie, the ...
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A security analysis of some physical **content** distribution systems   [PDF] from uwaterloo.ca
S Jiayuan - 2008 - uwspace.uwaterloo.ca
... table is compromised, instead of using it to **encrypt** the **media key**, it is used to **encrypt** a link
key Kl. Otherwise, the **device key** is used to **encrypt** the **media key**. The ciphertexts are then
included in the CMKR. Just by processing the CMKR, 15 Page 26. ...
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[PDF] Advanced Access **Content** System (AACS) Pre-recorded Video Book   [PDF] from aacsla.com
W Bros - 2006 - aacsla.com
... AACS LA provides secret Device Keys and Sequence Keys to licensed manufacturers for inclusion
in compliant playback devices/applications (**Device Key** sets and ... and its Sequence Keys to process
the SKB, the device will calculate a particular **Media Key** Variant. ... **Compare** ...
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Trusted Computing and Digital Rights Management Clearinghouse   [PDF] from osu.edu
A Champion - 2007 - kb.osu.edu
... 2007 [258]. However, in their zeal to protect intellectual property, the **content** and ... If C = E(P), [where
P is one out of n possible plaintexts,] then a cryptanalyst [need only] **encrypt** all n possible plaintexts
and **compare** the results with C [to determine P].... 16 Page 28. ...
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Applications of broadcast encryption schemes and related technical mechanisms for digital rights   [PDF] from rub.de
management of multimedia broadcasts
U Greveler - 2006 - deposit.ddb.de
... use cases. By doing this we can demonstrate that the proposed schemes can be used to meet
requirements for securing **content** regarding pay-per-view broadcasts as well as media
distribution. ... 201 A.3 No Free-riders (**Compare** 50 to 100 Shares) . . . .
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Unifying broadcast encryption and traitor tracing for **content** protection
H Jin... - Computer Security Applications ..., 2009 - ieeexplore.ieee.org
... A. Preliminaries Media Key Variant (Kmv): Any of several valid **media keys** that can
be obtained by processing the new media key block. ... Title Key (Kt): The key actually
used to **encrypt** and **decrypt** the segments in the **content**. ...
Cited by 4 - Related articles - All 6 versions

[PDF] from ibm.com

Broadcast encryption for differently privileged
H Jin... - Emerging Challenges for Security, Privacy and Trust, 2009 - Springer
... An index of the device keys used to **encrypt** the **media keys** ... Class B devices also have the ability
to process class A **content**. To do that, it will use the media key precursor Km2 and a one-way
function to calculate a media key Km1 to **decrypt** class A **content**. ...
Cited by 3 - Related articles - All 4 versions

[PDF] An Overview of the Advanced Access **Content** System (AACS)
K Henry, J Sui... - Centre for Applied Cryptographic Research (..., 2007 - 32bit.co
... Each has length 128 bits and can be derived from the Device Keys. Processing Keys are used
to **encrypt** the Media Key. ... The Encrypted **Media Keys** are included in the MKB, and only privileged
users are able to **decrypt** one of them to recover the Media Key. ...
Cited by 2 - Related articles - View as HTML - All 13 versions

[PDF] from 32bit.co

Efficient Forensic Analysis for Anonymous Attack in Secure **Content** Distribution
H Jin - New Technologies for Digital Crime and Forensics: ..., 2011 - igi-global.com
... keys to devices and **encrypt** the **content** that can guarantee that only compliant devices can **decrypt**
the **content** ... The device keys used to **encrypt** the media key are chosen in a way as to cover all ...
For example, the attackers can setup a server that sells the **media keys** on demand. ...
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Efficient traitor tracing for clone attack in **content** protection
H Jin... - Proceedings of the 2011 ACM Symposium on ..., 2011 - dl.acm.org
... frontier but we will use different valid **media keys** to enable them instead of one single valid media
key ... devices in group (sub- tree) marked in X will use their corresponding subset keys to **encrypt**
media key ... device will only be able to **decrypt** one of the variations for each segment ...
Related articles

[DOC] Digital Rights Management Systems and Key Revocation
D Coleman - cs.washington.edu
... Bus (or session) key: A key generated during the protocol to **encrypt** keys passed over the bus. ...
Combined with the tree structure for describing revocation, the list of **media keys**, encrypted with
these ... process (via the CRL) and also from being able to correctly **decrypt** the **contents** ...
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Improved AACS framework for private digital **contents**
DY Kim... - ... Electronics, 2009. ICCE'09. Digest of ..., 2009 - ieeexplore.ieee.org
... of previous section, Media Key Data of I-MKB consists of encrypted **media keys** with device ...
aacs07security" Using both SHA1 and above password information, we compute Kp and **encrypt**
Km with ... Key Data has been constructed for only indicated devices to be able to **decrypt** it ...
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Broadcast encryption versus public key cryptography in **content** protection systems
JB Lotspiech - Proceedings of the nineth ACM workshop on Digital ..., 2009 - dl.acm.org
... Once this initial exchange of parsed MKBs is complete, then both devices know the two **media**
keys and use them ... In other words, more than one cell would **encrypt** the same variant key. ... on
in a useful way, the original device would also have to pass the key to **decrypt** the **content** ...
Related articles - All 2 versions

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Protecting Digital Media with End-to-End Encryption
JK Lang - PREPRINTS-AUDIO ENGINEERING SOCIETY, 2003 - aes.org
... 2). At this point, we can see that unauthorized **"Media Keys,"** which might be used by software ...
This key will be used to re-**encrypt** the "Key Melody," which had been decrypted before ... 2). Before
being able to play the protected media, the player will **decrypt** the "Reproduction Key ...
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[PDF] Optimization of broadcast encryption schemes
G Kreitz - Master's Thesis, Royal Institute of Technology, Sweden, 2005 - kiosk.nada.kth.se
... This shared symmetric key is then used to **encrypt** whatever **content** (such as a reality show) that
the **content** provider wishes to broadcast. ... If it was not changed, the user would in that case be
able to **decrypt** broadcasts which occurred before the user joined the 4 ...
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